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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/623,796	09/08/2000	Philippe Patrice	032326-083	6700

21839 7590 07/16/2003

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EXAMINER

TRINH, MINH N

ART UNIT	PAPER NUMBER
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3729

DATE MAILED: 07/16/2003

8

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action

Application No.

09/623,796

Applicant(s)

PATRICE, PHILIPPE

Examiner

Minh Trinh

Art Unit

3729

--Th MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 07 July 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.
- b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☐ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) ☐ they raise the issue of new matter (see Note below);
 - (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____

3. ☐ Applicant's reply has overcome the following rejection(s): _____.
4. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: see attached.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: None.

Claim(s) objected to: None.

Claim(s) rejected: 1-8.

Claim(s) withdrawn from consideration: _____.

8. ☐ The proposed drawing correction filed on _____ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.
10. ☐ Other: _____

PETER VO
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3700

I- Applicant's request for reconsideration of the finality of the rejection of the last Office action is not persuasive for the following reasons:

- a) The amendment to the claims have not overcome the 112 second paragraph rejections (see paragraph 3).
- b) Moskowitz et al teach the claimed method of the instant invention, including the amended to the claims "embedding the metal protrusions in a thickness of the antenna" as recited in the claims (see claim 1, line 5). Applicant is referred to Figs. 2 and 3 of Moskowitz et al which clearly shows at least one metal protrusion or bump 225 /325 being compressed and /or embedded in a thickness of the antenna 230/330 . Further, Moskowitz et al also teach the "thermo-compression bonding" (see Fig. 7 an the discussed in page 11, 2-3 paragraphs) is also known as the metal bumps are being heat treated and compressed into the antenna (see Fig. 7). For abov reasons the claimed limitation of "embedding the metal protrusions in a thickness of the antenna" as recited in the claims is met by Moskowitz et al.
- c) Beside the rejection based on the Moskowitz et al of the record, the Examiner also provides an additional prior art rejections based on Kohama et al reference to reflect the amendment of the claims i.e. a step of producing metallised protrusions, etc. This rejection is discussed in details in paragraphs 4-8 of the Final Office Action dated 6/26/2003. Therefore, the final rejection based on each of the prior art references is proper and valid and the final rejection will be maintained for reasons of the record.